| Ref<br># | Hits | Search Query   | DBs      | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|----------|---------------------|---------|------------------|
| L32      | 5    | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level))) | IBM_TDB  | OR                  | ON      | 2005/11/08 16:23 |
| L31      | 2    | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level))) | DERWENT  | OR .                | ON      | 2005/11/08 16:23 |
| L30      | 11   | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level))) | JPO      | OR                  | ON      | 2005/11/08 16:23 |
| L29      |      | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level))) | EPO      | OR                  | ON      | 2005/11/08 16:23 |
| L28      | 18   | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level))) | US-PGPUB | OR                  | ON      | 2005/11/08 16:23 |
| L27      | 32   | ("360"/\$.ccls.) and 26  | USPAT    | OR                  | ON      | 2005/11/08 16:23 |

| L26 | 61 | (abnormalit\$4 defect anomal\$4 undesired error) same control\$4 same head same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope) same (level threshold range limit baseline reference (predeterm\$4 near10 (value quantity level)))  | USPAT   | OR | ON | 2005/11/08 16:23 |
|-----|----|---|---------|----|----|------------------|
| L22 | 45 | ("360"/\$.ccls.) and (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) same ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level)))) | USPAT   | OR | ON | 2005/11/08 16:23 |
| L24 | 3  | (abnormalit\$4) same ((record\$4 writ\$4) same (reproduc\$4 read\$4)) same ((detect\$4 identify\$4 determin\$4 calculat\$4) same envelope)  | USPAT   | OR | ON | 2005/11/08 16:21 |
| S48 | 2  | (abnormalit\$4) same (record\$4<br>same reproduc\$4) same (detect\$4<br>same envelope)  | USPAT   | OR | ON | 2005/11/08 16:19 |
| L23 | 58 | (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) same ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level))))                      | USPAT   | OR | ON | 2005/11/08 16:19 |
| L21 | 2  | (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) and ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level))))                       | IBM_TDB | OR | ON | 2005/11/08 16:18 |

| L20 | 10  | (((error abnormal\$4 anomaly   | DERWENT              | OR | ON  | 2005/11/08 16:18 |
|-----|-----|--|----------------------|----|-----|------------------|
|     |     | undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) and ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level))))   | ·                    |    |     |                  |
| L19 | 8   | (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) and ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level))))                      | JPO                  | OR | ON  | 2005/11/08 16:18 |
| L17 | 318 | ("360"/\$.ccls.) and (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) and ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level)))) | USPAT                | OR | ON  | 2005/11/08 16:18 |
| L16 | 28  | ("360"/53.ccls.) and (((error abnormal\$4 anomaly undesir\$4) same (detect\$4 find\$4 determin\$4 calculat\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) and ((many numerous various plurality two three) near10 head) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level)))) | USPAT                | OR | ON  | 2005/11/08 16:17 |
| S31 | 10  | ("360"/53.ccls.) and (((error abnormal\$4 anomaly undesir\$4) near5 (detect\$4)) same (control\$4 near10 head) same ((writ\$4 record\$4) same (read\$4 reproduc\$4)) same (threshold reference limit level (predetermin\$3 near2 (number value quantity level))))  | USPAT                | OR | ON  | 2005/11/08 16:16 |
| S4  | 4   | (Chang-Hyeon near Lee)   | USPAT                | OR | OFF | 2005/11/08 16:16 |
| L15 | 0   | (Chang-Hyeon near Lee)   | EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/08 16:16 |

|     | ,    |  | r <del></del> |    |     |                  |
|-----|------|--|---------------|----|-----|------------------|
| L14 | 4    | (Chang-Hyeon near Lee)   | US-PGPUB      | OR | OFF | 2005/11/08 16:16 |
| S42 | 41   | ("360"/\$.ccls.) and S40   | USPAT         | OR | ON  | 2005/11/08 16:14 |
| S34 | . 24 | ((abnormal\$4 near10 detect\$4)) same (control\$4 same head) same ((writ\$4 record\$4) and (read\$4 reproduc\$4)) same (disc disk medium media storage)  | USPAT         | OR | ON  | 2005/11/08 16:14 |
| L13 | 52   | ("360"/\$.ccls.) and 8   | USPAT         | OR | ON  | 2005/11/08 16:14 |
| L12 | 0    | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)) | IBM_TDB       | OR | ON  | 2005/11/08 16:14 |
| L11 | 0    | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)) | DERWENT       | OR | ON  | 2005/11/08 16:14 |
| L10 | . 0  | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)) | JPO           | OR | ON  | 2005/11/08 16:14 |
| L9  | 0    | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)) | EPO           | OR | ON  | 2005/11/08 16:13 |
| L8  | 140  | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)) | USPAT         | OR | ON  | 2005/11/08 16:13 |

| L7  | 33 | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) same (head) and (record\$4 writ\$4) same (medium media) same (reproduc\$4 read\$4) same (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range))  | US-PGPUB | OR . | ON  | 2005/11/08 16:13 |
|-----|----|---|----------|------|-----|------------------|
| L6  |    | ((abnormalit\$4 defect anomal\$4) and (plurality various many two three numerous) and (head) and (record\$4 writ\$4) and (medium media) and (reproduc\$4 read\$4) and (control\$5) and (determin\$4 calculat\$4 find\$4) and (signal) and (envelope) and (reference baseline range)).clm. | US-PGPUB | OR   | ON  | 2005/11/08 16:13 |
| S1  | 1  | "6747828".pn.   | USPAT    | OR   | OFF | 2005/11/08 15:51 |
| S17 | 27 | ((abnormal\$4 anomaly undesir\$4) near10 (detect\$4)) same (control\$4 same head) same ((writ\$4 record\$4) and (read\$4 reproduc\$4)) same (disc disk medium media storage)  | USPAT    | OR   | ON  | 2005/11/08 14:04 |
| L1  | 1  | 10/815665   | US-PGPUB | OR   | ON  | 2005/11/08 14:04 |